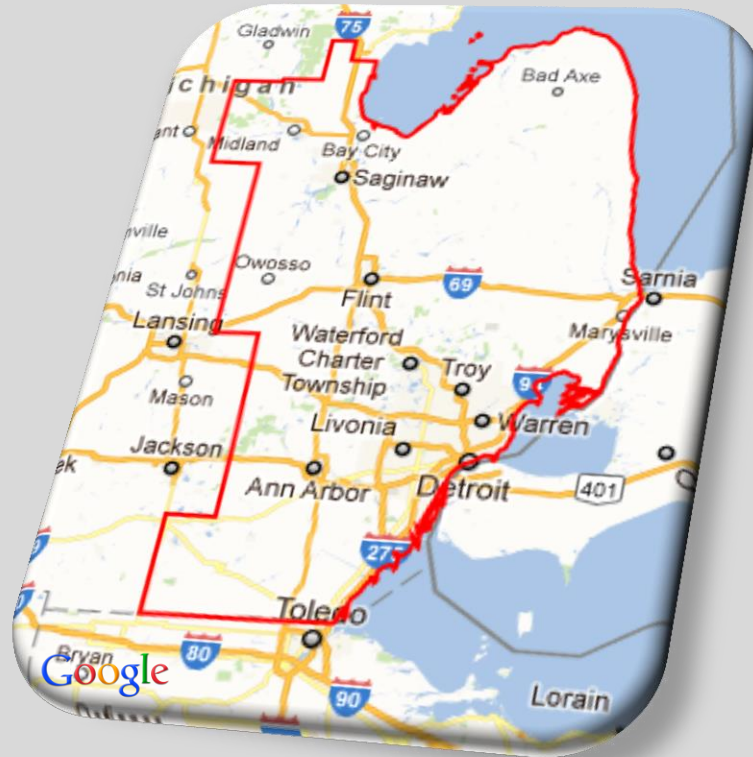




Weather Briefing

February 19, 2014



National Weather Service
Detroit/Pontiac, MI

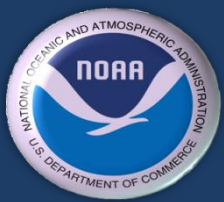
<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov

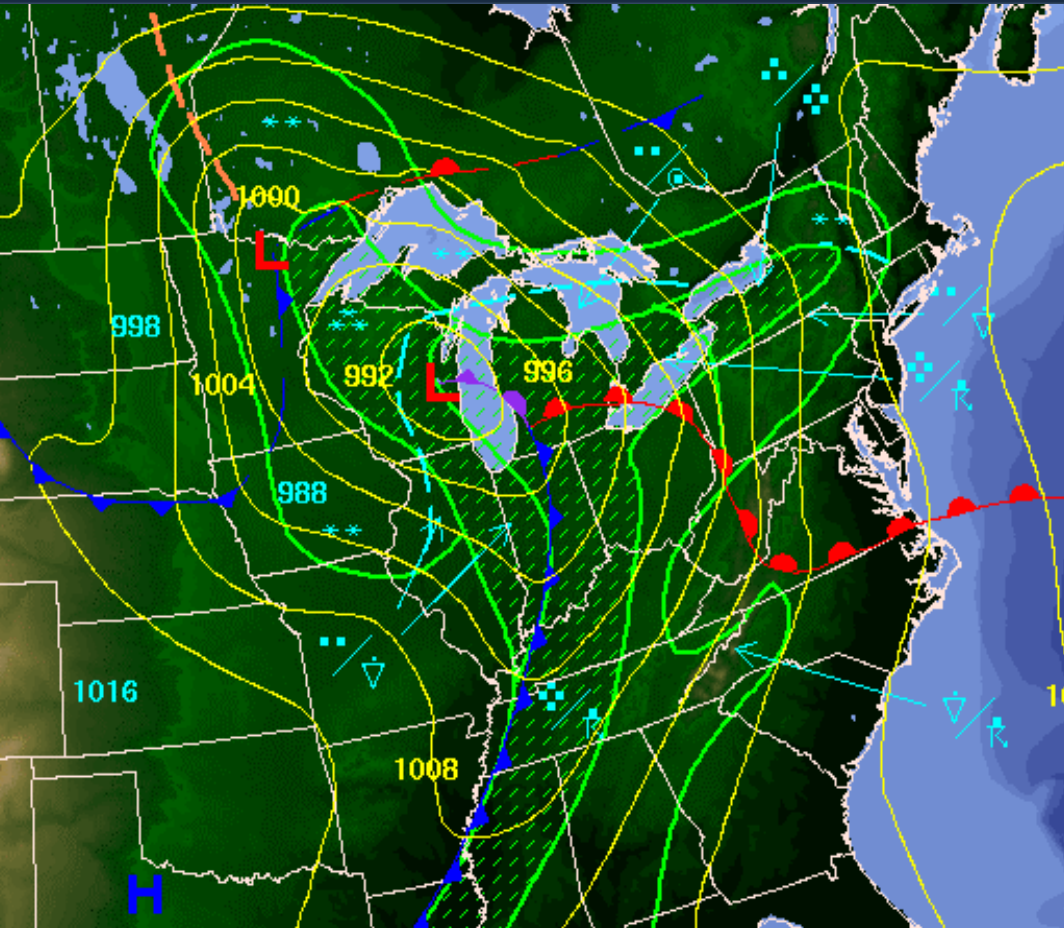


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Decision Support Briefing Highlights



Forecast for Thurs (18 hrs)

Event Summary

**Wintery Mix
Thursday AM**

**Heavy Rain/Thunderstorms
Thursday PM**

**Dense Fog
Thursday PM**

**Strong Gusty SW Winds
Thursday night - Friday**



Winter Watch Hazard Risk Assessment



Extreme

High

Moderate

Low



**This Potential Event is an
Occasional to Rare
Weather Event**

**Potential to Cause Disruption to
Daily Life**

Recovery Time

**Around When Weather Hazard
Ends to around a Day**

Extreme:

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

High:

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a day

Moderate:

- Occasional Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



Potential Impacts

Road Conditions

- Slippery road conditions due to freezing rain/snow
- Localized flooding of roads due to heavy rain/melting snow

Additional Potential Impacts

- Dense fog developing south, then rapidly spreading north late tomorrow afternoon. This will further impact driving conditions.

Power Outage Potential

High

Medium



Low

Flood \Potential

High

Medium



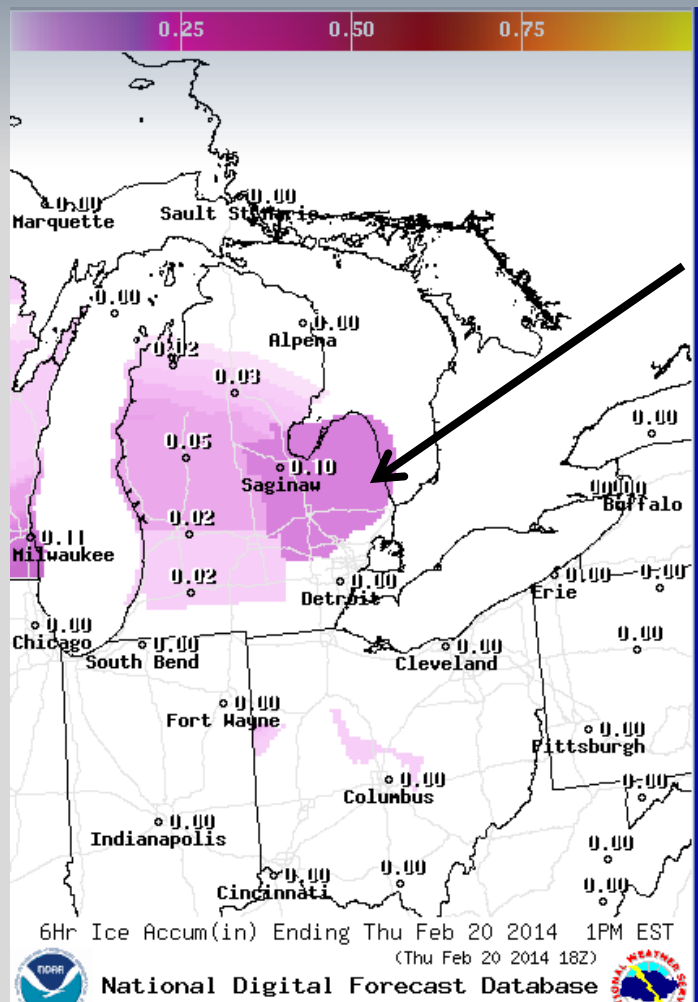
Low





Ice/Snow Accumulation Confidence

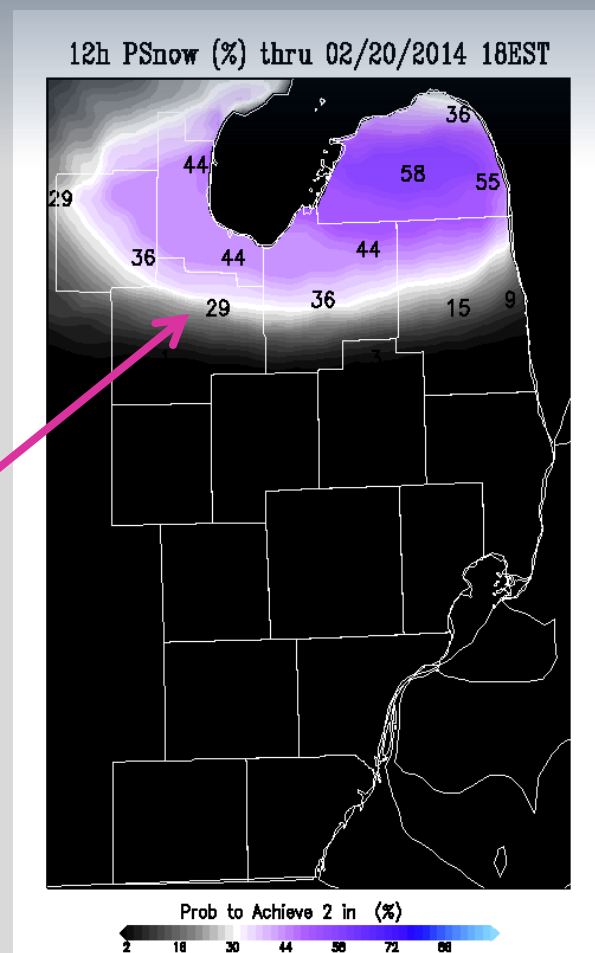
Thursday Morning



AREA View

Moderate confidence
0.10 inch Ice
Accumulation –
mainly north of I-69.

Moderate confidence
snowfall totals will
exceed 2 inches –
mainly over the
Thumb.



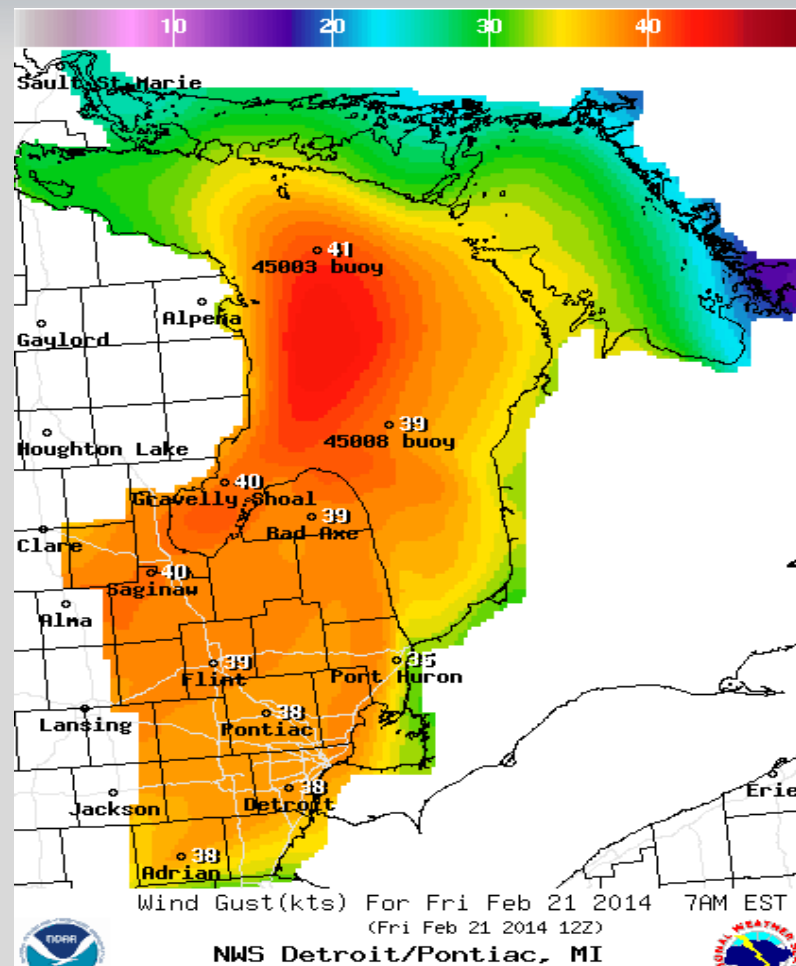
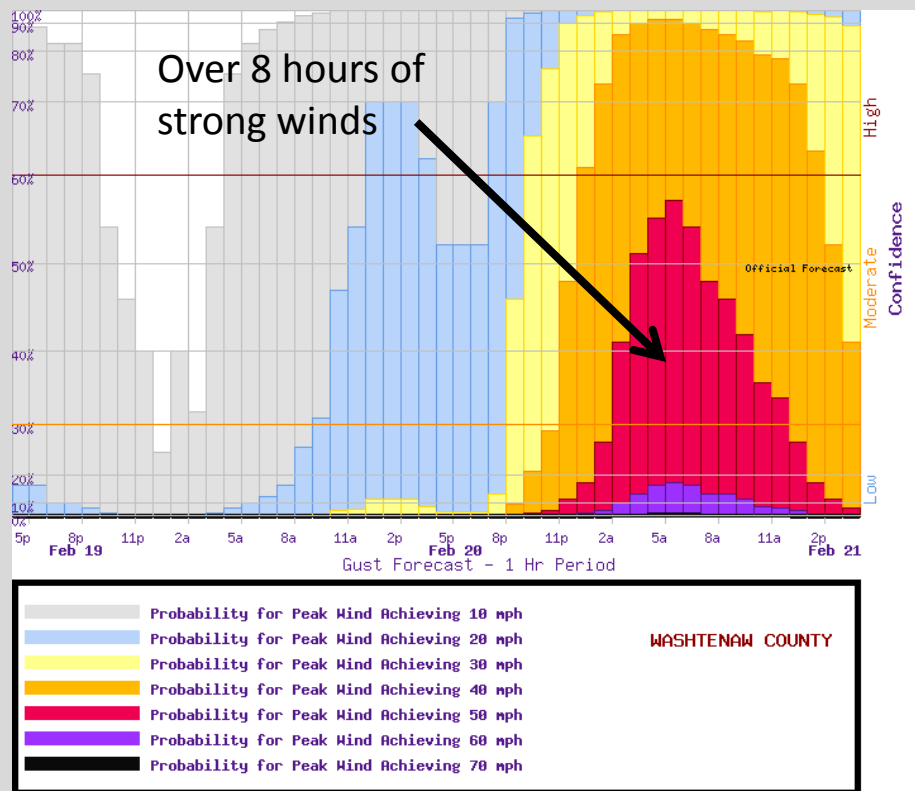


PEAK WIND GUST POTENTIAL FRIDAY FEB 21, 2014



All of Southeast Michigan will see increasing wind beginning after midnight Thursday night and continuing through the day on Friday.

High confidence of wind gusts > 40 MPH (35 kt)
Moderate confidence of wind gusts >50 MPH (44kt)





Decision Support Briefing

Winter Weather Impact Summary



What	Where	Timing	Impacts
Ice Accumulations Up to 0.10 inches	Mainly over the Northern Thumb (North of I-69)	10 AM through 2 PM.	Slippery roads and walk way. Dangerous Driving Conditions. Power Outages.
Snow 1-2 inches	Mainly over the Northern Thumb (North of I-69)	10 AM through 2 PM.	Wet Heavy Snow



Decision Support Briefing

Rain/Fog/Wind Impact Summary



What	Where	Timing	Impacts
Rain/TStorms 0.25 to 0.75	All of SE Michigan will see rain – heaviest south of I69	Noon through 10 PM	Locally flooded roadways. Increased snow-water ratios could impact snow on roofs.
Dense Fog	Developing South and spreading North to include all of SE Michigan	2 PM through Midnight	Difficult and dangerous driving conditions.
High Wind	All of SE Michigan	After Midnight Thursday Night through Friday.	Damage to smaller trees, numerous downed branches, power outages



Decision Support Briefing Headlines



Winter Weather Advisory	Midland, Bay, Huron, Saginaw, Tuscola, Sanilac Counties	10 AM to 4 PM Thursday	A mix of snow, freezing rain and rain. 1-2 inches of snow, 0.1 inch ice.
Winter Weather Advisory	Shiawassee, Genesee, Lapeer, St. Clair, Livingston, Oakland, Macomb Counties.	10 AM to 4 PM Thursday	A mix of snow, freezing rain and rain. <1 inch snow, 0.10 inch ice.
High Wind Watch	All of Southeast Michigan	7 PM Thursday Evening through 6 PM Friday Evening.	Westerly Wind Gusts between 45 and 60 MPH.



Additional Information



Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

Hourly Wind / Gust Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

<http://www.crh.noaa.gov/dtx/?n=pgust>

Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: w-dtx.webmaster@noaa.gov



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